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APPENDIX A – MARKED-UP VERSION OF THE AMENDED CLAIMS

The material to be added is indicated by underlining, while the matter to be deleted is in brackets and in boldface.

3. (Amended) The biomolecule microarray support of claim 1 **[or 2]**, wherein said support is a glass plate, silicon plate, plastic plate, gold or gold-coated plate, or silver or silver-coated plate.

4. (Amended) The biomolecule microarray support of **[any one of claims 1 to 3]** claim 1, wherein said probe biomolecule-attachable spots have avidin molecules bound in a single layer to the ends of the biotin molecules bound to the surface of the support.

5. (Amended) A biomolecule microarray characterized in that probe biomolecules are bound to said probe biomolecule-attachable spots of the support of **[any one of claims 1 to 4]** claim 1.

7. (Amended) The biomolecule microarray of claim 5 **[or 6]**, wherein said probe biomolecules are biotin-labeled biomolecules and are bound to said probe biomolecule-attachable spots by biotin-avidin binding.

8. (Amended) A method of fabricating the biomolecule microarray support of **[any one of claims 1 to 4]** claim 1, comprising steps by which said probe biomolecule-attachable spots are formed only on the specific areas of the surface of a support by the photolithography and etching technique.

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